

[54] **ELECTRIC SHAVER**

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[22] Filed: **Feb. 21, 1975**

[21] Appl. No.: **551,843**

[30] **Foreign Application Priority Data**

Feb. 28, 1974 Germany ..... 2409592

[52] U.S. Cl. .... **30/43.92; 403/53;**  
403/57; 403/122

[51] Int. Cl.<sup>2</sup> ..... **B26B 19/04; F16D 3/00**

[58] Field of Search ..... 30/42, 43.7-43.92,  
30/217, 219, 241, 272 A; 403/53, 57, 119,  
122, 142

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[57] **ABSTRACT**

A shear head is mounted in a housing of the shaver and includes two cutters one of which is reciprocable relative to the other. An electric motor has a rotatable output shaft and motion-transmitting linkage connects the output shaft with the reciprocable cutter. The linkage includes a crank which is movable by the output shaft and a swing arm which is connected with the reciprocable cutter, and a joint which connects the crank and the swing arm with one another. The joint includes a spherical surface provided on the crank or the swing arm, and a pair of socket members provided on the swing arm or crank and contacting portions of the spherical surface along annular lines, there being sufficient play in the joint to permit relative tumbling movements of the element thereof about the center of the spherical surface.

**11 Claims, 6 Drawing Figures**

